

# Science & Mathematics 2005

Percent at or above NAEP *Basic*, Grades 4 and 8

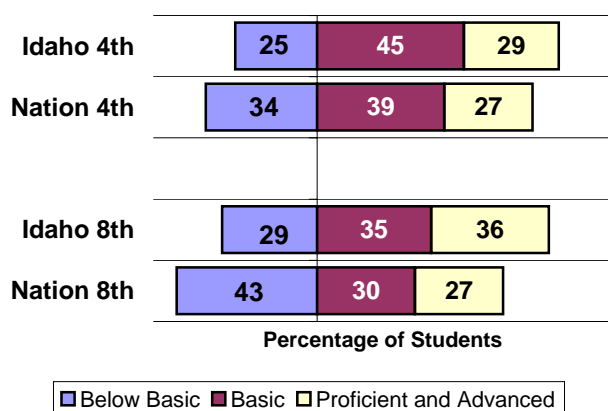
## Idaho NAEP Snapshot

Volume 2005, Number 33

In 2005, 2,900 fourth graders and 2,900 eighth graders demonstrated their science knowledge and skills in the earth, physical and life sciences. Another 2,900 fourth graders and 2,882 eighth graders demonstrated their mathematics skills in number properties and operations, measurement, geometry, data analysis and probability, and algebra. The students were selected on a random basis for the statistical samples that represented all Idaho students. Results for both subjects were reported as *Basic* (i.e., typical grade-level performance, similar to ISAT proficient), *Proficient* or *Advanced*.

### Science 2005 in Grades 4 and 8, Idaho vs. Nation

NAEP Science 2005

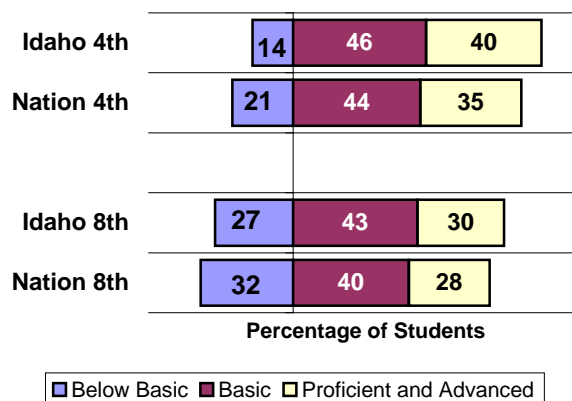


◆ In 2005, 75 percent of Idaho's fourth grade students performed at or above the *Basic* level on the NAEP science assessment. This was higher than the nation's fourth graders (66 percent).

◆ In 2005, 71 percent of Idaho's eighth grade students performed at or above the *Basic* level on the NAEP science assessment. This was higher than the nation's eighth graders (57 percent).

### Mathematics 2005 in Grades 4 and 8, Idaho vs. Nation

NAEP Mathematics 2005



◆ In 2005, 86 percent of Idaho's fourth grade students performed at or above the *Basic* level on the NAEP mathematics assessment. This was higher than fourth graders nationwide (79 percent).

◆ In 2005, 73 percent of Idaho's eighth grade students performed at or above the *Basic* level on the NAEP mathematics assessment. This was higher than eighth graders nationwide (68 percent).

Comparisons based on statistical tests (.05 level) that consider sample size, magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.